



Figure 1

HS 33	LHDFGSEILPRAVL	HS	VQA	C	I	F	T	G	Y	W	E	D	V	G	T	I
maize LS	LHDFGSEILPRAVL	HS	VQA	C	I	F	T	G	Y	W	E	D	V	G	T	I
wheat LS	LHDFGSEILPRAVL	HS	VQA	C	I	F	T	G	Y	W	E	D	V	G	T	I
barley LS	LHDFGSEILPRAVL	HS	VQA	C	I	F	T	G	Y	W	E	D	V	G	T	I
potato LS	SNDFGSEILPRAVL	HS	VQA	C	I	F	T	G	Y	W	E	D	V	G	T	I

Figure 2



TS48

maize LS	C	S	R	V	S	S	G	C	E	L	K	D	S	V	M	M	G	A	D	I
wheat LS	R	S	R	L	N	S	G	S	E	L	K	N	A	M	M	M	G	A	D	S
barley LS	R	S	R	L	N	S	G	S	E	L	K	N	A	M	M	M	G	A	D	S
rice LS	S	S	R	V	S	S	G	C	E	L	K		.	.	.	.	.	.	.	I
	.	S	R	.	S	S	G	.	E	L	K	.	.	.	m	m	g	a	d	.

[illegible]

TS60

maize LS	D	F	G	S	E	I	L	P	R	A	V	L	D	H	S	V	Q	.	A	C	I	F	T	G	Y
wheat LS	D	F	G	S	E	I	L	P	R	A	L	H	D	H	N	V	Q	.	A	Y	V	F	T	D	Y
barley LS	D	F	G	S	E	I	L	P	R	A	L	H	D	H	N	V	Q	.	A	Y	V	F	T	D	Y
rice LS	D	F	G	S	E	I	L	P	R	A	L	L	E	H	N	V	K	V	A	C	V	F	T	E	Y
	D	F	G	S	E	I	L	P	R	A	I	.	d	H	n	V	q	.	A	.	v	F	T	.	Y

TS60

maize LS	E	D	V	G	T	I	K	S	F	F	D	A	N	L	A	L	T	E	Q	P	S	K	F	D	F
wheat LS	E	D	I	G	T	I	R	S	F	F	D	A	N	M	A	L	C	E	Q	P	P	K	F	E	F
barley LS	E	D	I	G	T	I	R	S	F	F	D	A	N	M	A	L	C	E	Q	P	P	K	F	E	F
rice LS	E	D	I	G	T	I	K	S	F	F	D	A	N	L	A	L	T	E	Q	P	P	K	F	E	F
	E	D	i	G	T	I	.	S	F	F	D	A	N	.	A	L	.	E	Q	P	p	K	F	e	F

### Figure 4B

#177  
V

RTS48-2	
maize LS	T Q M P E E P A G W F Q G T A D S I R K
wheat LS	T Q M P G E A A G W F R G T A D A V R K
barley LS	T Q M P G E A A G W F R G T A D A V R K
rice LS	T Q M P D E P A G W F Q G T A D A I R K
	T Q M P . E . A G W F . G T A D a . R K

Figure 5A

#396  
V

RTS60-1	
maize LS	D K C K . . M K Y A F I S D G C L L R E
wheat LS	D K C R . . I K E A I I S H G C F L R E
barley LS	D K C R . . I K E A I I S H G C F L R E
rice LS	D K C K C K I K D A I I S D G C S F S E
	D K C . . . i K . A i I S . G C . f r E

Figure 5B